FEC

KNIT-WRAP

Order Code ISO-840/1

ZEMREX KNIT-WRAP is a 2-ply knitted wire mesh suitable for the RFI/EMI shielding of electrical and electronic cable assemblies and harnesses.

KNIT-WRAP is wrapped around cables like a tape and is best applied under tension with a 50% overlap which provides a good 4 layer shield.

Tolerance on thickness ± 0.05 mm
Tolerance on width ± 1.5mm

Due to its knitted construction each layer of KNIT-WRAP interlocks and conforms easily and tightly to varying cable sizes and surfaces. It does not warp, is unaffected by temperature and provides mechanical support and protection.

Termination can be made by soldering, crimping or conductive adhesive.

WIRE SPECIFICATION AND PART NUMBERS			
NOMINAL WIDTH	NOMINAL THICKNESS	MONEL 400 BS 3075-NA13 (0.11mm)	FEC PART NUMBER
25mm	0.4mm	ZKW-MO-25	ISO-840
50mm	0 4mm	ZKW-MO-50	ISO-841

KNIT-WRAP SHIELDING EFFECTIVENESS dB		
FREQ	FIELD	MON
100KHz	H	1
1MHz	H	10
1MHz	E	71
10MHz	E	53
100MHz	E	32
400MHz	P	6
H = MAGNETIC E = ELECTRIC P = PLANE WAVE		

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